

this discovery has been claimed by others, he communicated to the Institute of France, published documents of a date proving his right to it, and invited all who might have preceded him by similar publications, to establish their right to the priority. No response having been made, he considers himself entitled to the credit of the discovery, and sends to the Society a copy of his communication to Dr. Gintl, in which he invited all the claimants to reply.

He prays the Society to call the attention of those in this country, who may have a knowledge of the subject, to his "Telegraph of double correspondence by direct successive currents of simultaneous derivation," so that experiments with regard to it may be made upon the great telegraphic line which is to connect America with Europe. He expresses his belief, that on a single internal conducting wire, a simultaneous correspondence of America with Europe, and of Europe with America, may be successfully accomplished;—and that, by multiplying the apparatus, opposite despatches from the two continents may be distinctly transmitted simultaneously.

The pamphlet containing a description of his telegraph is in the library of the Society, and if drawings to illustrate it should be desired, he offers to send them.

He concludes by referring to the pleasure it would give him to be aided in this matter by the countrymen of Franklin, who was the first to extend a line connecting the heavens with the earth.

This letter of Prof. Zantedeschi gave rise to some discussion on the subject of the passage of electric currents, in which Mr. Justice, Judge Kane, and Dr. F. Bache, participated.

Stated Meeting, September 18.

Present, thirteen members.

Prof. FRAZER, Vice-President, in the Chair.

Letters were read:—

From the Massachusetts Historical Society, dated Boston, June 8, 1857, acknowledging the receipt of Vol. XI. Part 1, of the Transactions of this Society: and—

From G. B. Airy, Astronomer Royal, dated Royal Obser-

vatory, Greenwich, August 8, 1857, announcing a donation for the library.

The following donations were announced:—

FOR THE LIBRARY.

Legislative Documents and Laws of Wisconsin, 1854-5-6. 25 vols.
Transactions of the Wisconsin State Agricultural Society, 1852-3.
2 vols.

History of Rock County and Transactions of the Rock County Agricultural Society and Mechanics Institute. 1856.

History of Wisconsin, by William R. Smith. Vol. III. 1854.

Collections of the Wisconsin Historical Society. Vol. I. 1854.
Vol. II. 1855.

Wisconsin Gazetteer, by John Warren Hunt. 1853.

Milwaukie Directory, 1856-7:—Madison Directory, 1855.

With a large collection of Pamphlets relating to the History, Statistics, Politics, &c., of Wisconsin—and a number of Maps.—*From the State Historical Society of Wisconsin.*

Proceedings of the Elliott Society of Natural History at Charleston, S. C. No. 7. Nov. 1856—Apr. 1857. Charleston. 8vo.
—*From the Society.*

Quarterly Journal of the Chemical Society. No. XXXVIII. Vol. X. 2. July, 1857. London. 8vo.—*From the Society.*

The American Journal of Science and Arts. Vol. XXIV. Second Series. No. 71. Sept. 1857. New Haven. 8vo.—*From Profs. Silliman & Dana, Editors.*

Proceedings of the Boston Society of Natural History. Vol. VI. 14, 15. Aug. 1857. Boston. 8vo.—*From the Society.*

The African Repository. Vol. XXXIII. No. 9. Sept. 1857. Washington. 8vo.—*From the Am. Colonization Society.*

Journal of the Franklin Institute. Third Series. Vol. XXXIV. No. 3. Sept. 1857. Philadelphia. 8vo.—*From the Institute.*

Maury's Wind and Current Charts: Gales in the Atlantic. Observatory, Washington, May, 1857. 4to.—*From the Observatory, Washington.*

M. le Baron Cauchy: Lettre de M. Biot à M. de Falloux, Membre de l'Académie Française. Paris, 1857. 8vo.—*From the Family of M. Cauchy.*

Climatology of the United States and of the Temperate Latitudes of the North American Continent: embracing a full comparison of these with the Climatology of the Temperate Latitudes of Europe

and Asia,—and especially in regard to Agriculture, Sanitary Investigation and Engineering: With Isothermal and Rain Charts for each season, the extreme months, and the year, &c., &c. By Lorin Blodget, Author of several recent reports on American Climatology, Member of the National Institute &c. &c. Philadelphia, 1857. 8vo.—*From the Author.*

Richerche sul Calorico Raggiante, del Prof. Zantedeschi. Wien, 1857. 8vo.—*From the Author.*

Report on the Recent Contributions of Chemistry to the Medical Profession:—Read before the Pathological Society of Baltimore, June 16, 1857, by Dr. Lewis H. Steiner. Richmond, Va. 8vo.—*From the Author.*

The Life of John Fitch, the Inventor of the Steamboat. By Thompson Westcott. Philadelphia, 1857. 8vo.—*From the Author.*

Statistical Information relative to certain Branches of Industry in Massachusetts, for the year ending June 1, 1855; by Francis R. De Witt, Secretary of the Commonwealth:—With a collection of 38 Pamphlets relative to the Statistics, Public and Charitable Institutions, &c. of Massachusetts.—*From Dr. Edward Jarvis.*

The Astronomical Journal. No. 105. (Vol. V. No. 9.) Aug. 28, 1857. Albany. 8vo.—*From Dr. B. A. Gould, jr., Editor.*

The Medical News and Library. Vol. XV. No. 177. Sept. 1857. Philadelphia. 8vo.—*From Blanchard & Lea.*

Dr. Franklin Bache announced the decease of Dr. John Ludlow, a member of the Society.

And also of Dr. Marshall Hall, another member, who died on the 11th of August last, aged 68.

Prof. Vethake was appointed to prepare an obituary notice of Dr. Ludlow.

A communication was received and read, signed by 28 members of the Society who were not present at the special meeting held July 3, 1857, requesting to have their names registered “as being in favour of the repeal of the resolution adopted at the special meeting held on the 26th of June (May 29), which resolution authorizes the purchase of the Spring Garden Hall for the uses of the Society.”

The communication, with the names of the signers, was ordered to be recorded on the minutes.